

Liofilchem ®	MSDS	85400	Revision 0	Revision Date 28.01.2015
---------------------	------	-------	---------------	-----------------------------

ENGLISH

SAFETY DATA SHEET

According to Regulation EC n° 1907/2006
 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA -NO OEL DATA

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name: Peptone Solution + Neutralizing
 Product Number: 85400

1.2 Identified uses of the relevant substance or mixture and uses advised against

Identified uses relevant: Professional uses, Industrial uses scientific research and development

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Liofilchem® s.r.l.
 Address: Via Scozia, zona industriale, 64026 - Roseto degli
 Abruzzi (TE)
 Telephone number: 085/8930745
 Fax number: 085/8930330
 E-mail address: liofilchem@liofilchem.net

1.4 Emergency telephone number

+39 02-66101029
 (Centro Antiveleni Niguarda Cà Grande Milano).

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

This preparation does not meet the criteria for classification in any hazard class in accordance with Directives 67/548/EEC and 1999/45/EC concerning the classification, labeling and packaging of substances and mixtures. The product can cause sensitisation in susceptible individuals, in case of contact with skin.

2.2 Label elements

The product is not to be labeled in accordance with EC directives or respective national laws.

2.3 Other hazards - none

3.COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous substances

CAS n°	EC n°	Index n°	Registration number REACH	Concentration	Classification 67/548/CEE	Classification 1272/2008 (CLP)
Saponin						
8047-15-2	232-462-6	-	-	3.0 %	Xi; R36/37	Eye Irrit. 2; STOT SE 3; H319, H335

Additional Information:

For the full text of H codes and R phrases mentioned in this section, see section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

No special measures required

If inhaled

If breathed in, move person into fresh air.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

As a precaution flush eyes with water. In case of persistent irritation consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. If symptoms persist consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

no data available

Liofilchem ®	MSDS	85400	Revision 0	Revision Date 28.01.2015
---------------------	------	-------	---------------	-----------------------------

4.3 Indication of any immediate medical attention and special treatment needed	
no data available	
5. FIRE- FIGHTING MEASURES	
5.1 Extinguishing media	
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
5.2 Special hazards arising from the substance or mixture	
no data available	
5.3 Advice for firefighters	
No special measures required	
6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
Use personal protective equipment.	
6.2 Environmental precautions	
Discharge into the environment must be avoided	
6.3 Methods and materials for containment and cleaning	
Place in appropriate container for waste disposal. Wash area with copious amount of water.	
6.4 Reference to other sections	
For information on safe handling, see Chapter 7. For information on personal protection equipment see Chapter 8. For disposal information see Chapter 13.	
7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	
No special measures required.	
7.2 Conditions for safe storage, including any incompatibilities	
Store in well closed original containers, keeping far from direct light and at temperature on label.	
7.3 Specific end uses	
no data available	
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1 Control parameters	
Components with workplace control parameters	
Contains no substances with occupational exposure limit value.	
8.2 Exposure controls	
Appropriate engineering controls	
Handle in accordance with good hygiene and safety practice. Wash hands before breaks and at the end of workday.	
Personal protective equipment	
Eyes/Face Protection: It is advisable wear safety goggles	
Skin protection: Handle with gloves	
Body Protection: Use protective clothes in accordance with laboratory good practices.	
Respiratory protection: It is advisable wear dust mask .	
9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
Appearance	
Form	Liquid
Color	Dark Amber
Odour	No data available
Odour Threshold	No data available
pH	7.0 ± 0.2 at 25 °C
Melting point/ freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	not applicable
Upper / lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available

Liofilchem ®	MSDS	85400	Revision 0	Revision Date 28.01.2015
---------------------	------	-------	---------------	-----------------------------

Water solubility	soluble
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

Stable in normal conditions

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Exposure to direct solar light.

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation: May be harmful if inhaled.

Ingestion: May be harmful if swallowed

Skin: May be harmful if absorbed through skin.

Eyes: May cause eye irritation

12. ECOLOGICAL INFORMATION

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

Liofilchem ®	MSDS	85400	Revision 0	Revision Date 28.01.2015
---------------------	------	-------	---------------	-----------------------------

12.3 Bioaccumulative potential no data available
12.4 Mobility in soil no data available
12.5 Results of PBT and vPvB assessment Not applicable
12.6 Other adverse effects no data available
13. DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods Product Not be disposed of with household waste. Do not discharge into sewers. The product must be specially treated adhering to official regulations administrative. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging Dispose of as unused product.
14. TRANSPORT INFORMATION
14.1 UN number IMDG: - ADR/RID: - IMDG: -
14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
14.3 Transport hazard class(es) IMDG: - ADR/RID: - IMDG: -
14.4 Packaging group IMDG: - ADR/RID: - IMDG: -
14.5 Environmental hazards IMDG: no ADR/RID: no IMDG: no
14.6 Special precautions for user no data available
15. REGULATORY INFORMATION
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture The product is classified, coded and labeled in accordance with EU Directives/Normes on Hazardous Materials.
15.2 Chemical Safety Assessment no data available
16. OTHER INFORMATION
Text of H code(s) and R-phrase(s) mentioned in Section 3 Eye Irrit. 2 Eye irritation (Category 2) Specific target organ toxicity - single exposure (Category 3) H319 Causes serious eye irritation H335 May cause respiratory irritation Xi Irritant R36/37 Irritating to eyes and respiratory system.
Abbreviations and acronyms: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations Concerning the International Transport of Dangerous Goods by Rail IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent TWA: Time Weighted Average TLV: threshold limit value PBT: Persistent, bioaccumulative and toxic vPvB: Very persistent very bioaccumulative IARC: International Agency for Research on Cancer

Liofilchem ®	MSDS	85400	Revision 0	Revision Date 28.01.2015
---------------------	------	-------	---------------	-----------------------------

Further information

The product must be used by qualified personnel.

The above informations are based on our knowledge at the date above.

The user must be sure of accuracy and completeness of these informations in relation to the specific use.

Revision date: 28.01.2015

Revision number: rev. 0